

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB#

Requester's Full Name: L. E. Crane Examiner #: 65753 Date: 03/06/91
 Art Unit: 1623 Phone Number 308-4639 Serial Number: 09/338 185
 Mail Box and Bldg/Room Location: CM-1; 8B-10 Results Format Preferred (circle): PAPER DISK E-MAIL
 OFFICE: CM1-;8D-14

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: See copy of claims attached

Inventors (please provide full names): "

Earliest Priority Filing Date: 06/22/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the structure of claim 1, at line 2

and their use as coronary vasodilators useful in heart imaging

Point of Contact:
Beverly Shears
Technical Info. Specialist
CM1 12C14 Tel: 308-4604

Point of Contact:
Beverly Shears
Technical Info. Specialist
CM1 12C14 Tel: 308-4604

STAFF USE ONLY

Searcher: Beverly Shears Type of Search: NA Sequence (#) STN: 1611
 Searcher Phone #: 308-4639 AA Sequence (#) 1611 Dialog 1611
 Searcher Location: CM1 Structure (#) 1611 Questel/Orbit 1611
 Date Searcher Picked Up: 03-13-91 Bibliographic 1611 Dr.Link 1611
 Date Completed: 03-13-91 Litigation 1611 Lexis/Nexis 1611
 Searcher Prep & Review Time: 12 Fulltext 1611 Sequence Systems 1611
 Clerical Prep Time: 12 Patent Family 1611 WWW/Internet 1611
 Online Time: 12 Other 1611 Other (specify) 1611

09/338185

FILE 'REGISTRY' ENTERED AT 10:55:40 ON 13 MAR 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 12 MAR 2001 HIGHEST RN 326849-80-3
DICTIONARY FILE UPDATES: 12 MAR 2001 HIGHEST RN 326849-80-3

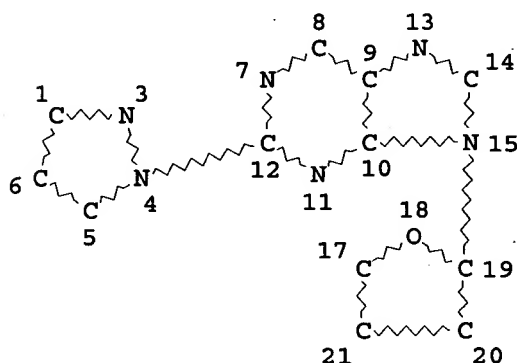
TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

L3

STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L5 16 SEA FILE=REGISTRY SSS FUL L3

100.0% PROCESSED 316 ITERATIONS
SEARCH TIME: 00.00.01

16 ANSWERS

FILE 'CAPLUS' ENTERED AT 10:55:41 ON 13 MAR 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

Searcher : Shears 308-4994

09/338185

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE COVERS 1967 - 13 Mar 2001 VOL 134 ISS 12
FILE LAST UPDATED: 12 Mar 2001 (20010312/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

Attention, the CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

=> s 15 or 15/d

2 L5
0 L5/D
L6 2 L5 OR L5/D

=> d 1-2 ibib abs hitstr; fil caold; s 15

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:911270 CAPLUS

DOCUMENT NUMBER: 134:56921

TITLE: Preparation of nucleoside N-pyrazole as
adenosine A2a receptor agonists for purposes of
imaging the heart

INVENTOR(S): Zablocki, Jeff A.; Elzein, Elfatih O.; Palle,
Venkata P.

PATENT ASSIGNEE(S): CV Therapeutics, Inc., USA

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

Searcher : Shears 308-4994

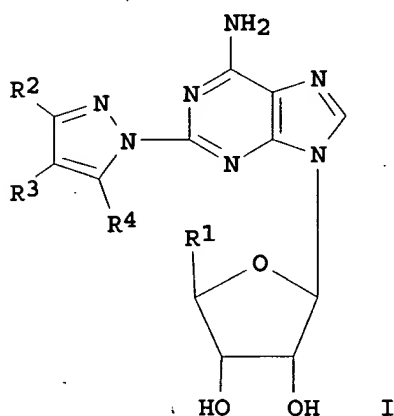
Appl's own work

09/338185

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078779	A2	20001228	WO 2000-US40281	20000621
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 1999-338185 19990622
 OTHER SOURCE(S): MARPAT 134:56921
 GI



AB 2-Adenosine N-pyrazole compds. I wherein R1 is CH2OH, amide, R2 and R4 are H, alkyl, aryl, R3 is alkyl, halo, NO2, CN, ether, thio ether, amine, sulfone, sulfonamide, ester, and methods for using the compds. as A2A receptor agonists to stimulate mammalian coronary vasodilatation for therapeutic purposes and for purposes of imaging the heart. Thus, I (R1 = OH, R2 = R4 = H, R3 = CO2Et) was prepd. its affinity for the adenosine A2a receptor (Ki = 10-1000 nM), is reported.

IT 313348-16-2P

RL: BAC (Biological activity or effector, except adverse); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL
 Searcher : Shears 308-4994

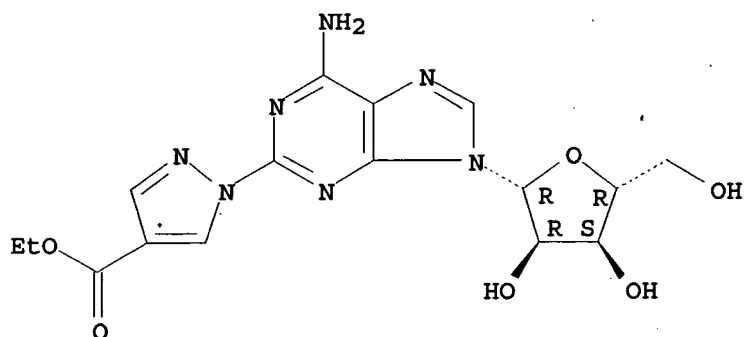
09/338185

(Biological study); PREP (Preparation); USES (Uses)
(prepn. of nucleoside N-pyrazole as adenosine A2a receptor
agonists for purposes of imaging the heart)

RN 313348-16-2 CAPLUS

CN 1H-Pyrazole-4-carboxylic acid, 1-(6-amino-9-.beta.-D-ribofuranosyl-
9H-purin-2-yl)-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 313348-20-8P 313348-22-0P 313348-25-3P
313348-27-5P 313348-29-7P 313348-31-1P
313348-33-3P 313348-35-5P 313348-37-7P
313348-41-3P 313348-43-5P

RL: BAC (Biological activity or effector, except adverse); SPN
(Synthetic preparation); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)

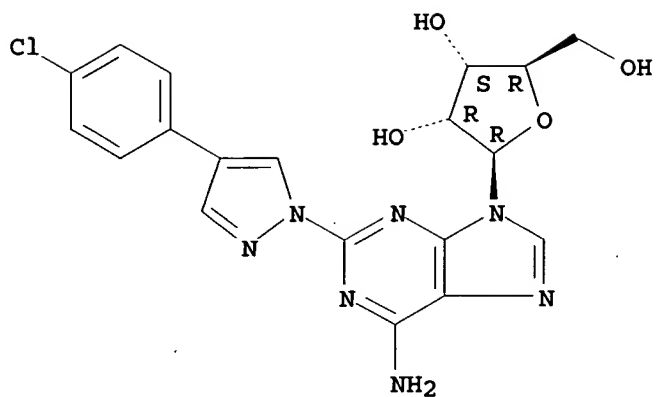
(prepn. of nucleoside N-pyrazole as adenosine A2a receptor
agonists for purposes of imaging the heart)

RN 313348-20-8 CAPLUS

CN Adenosine, 2-[4-(4-chlorophenyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.

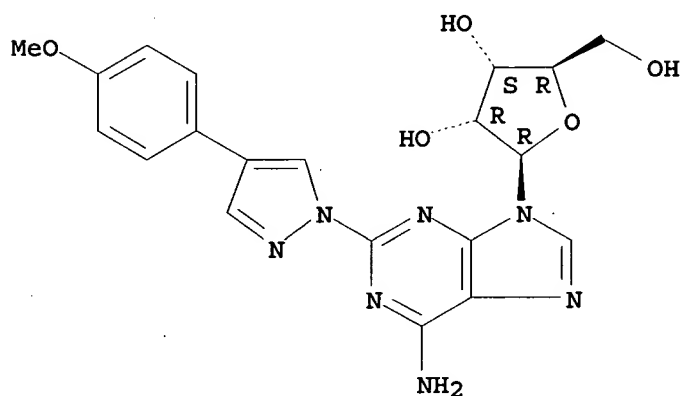
09/338185



RN 313348-22-0 CAPLUS

CN Adenosine, 2-[4-(4-methoxyphenyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



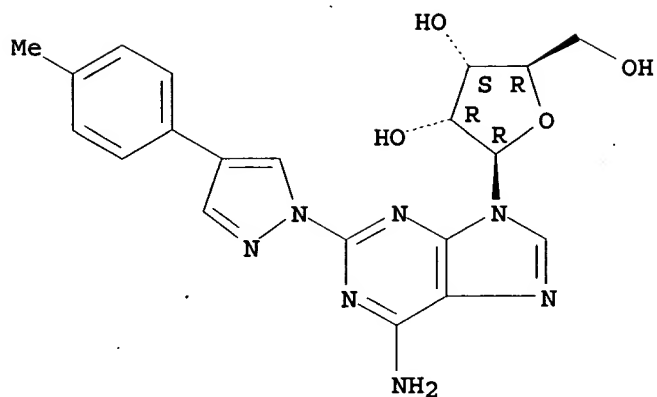
RN 313348-25-3 CAPLUS

CN Adenosine, 2-[4-(4-methylphenyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Searcher : Shears 308-4994

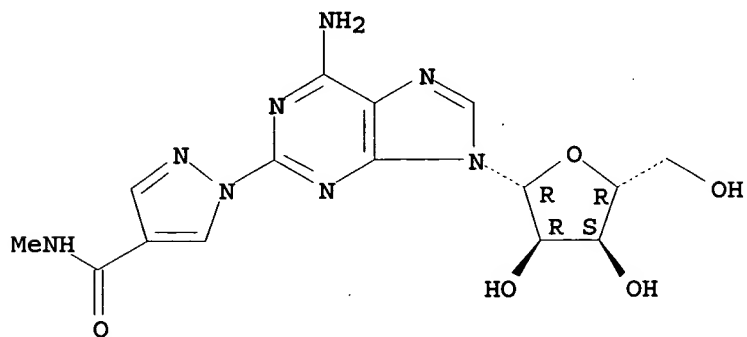
09/338185



RN 313348-27-5 CAPLUS

CN Adenosine, 2-[4-[(methyldamino)carbonyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



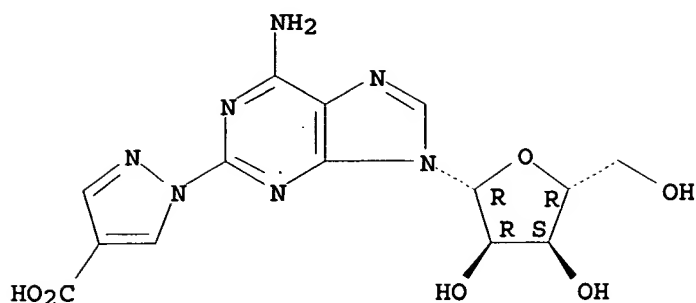
RN 313348-29-7 CAPLUS

CN 1H-Pyrazole-4-carboxylic acid, 1-(6-amino-9-.beta.-D-ribofuranosyl-9H-purin-2-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Searcher : Shears 308-4994

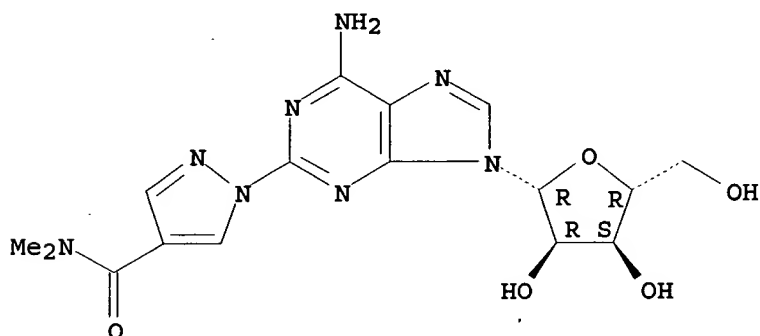
09/338185



RN 313348-31-1 CAPLUS

CN Adenosine, 2-[4-[(dimethylamino)carbonyl]-1H-pyrazol-1-yl]- (9CI)
(CA INDEX NAME)

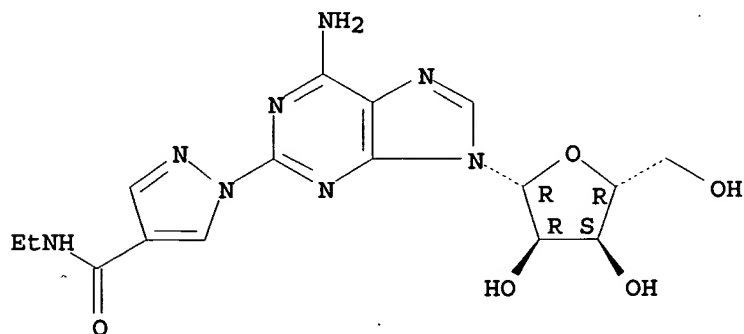
Absolute stereochemistry.



RN 313348-33-3 CAPLUS

CN Adenosine, 2-[4-[(ethylamino)carbonyl]-1H-pyrazol-1-yl]- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

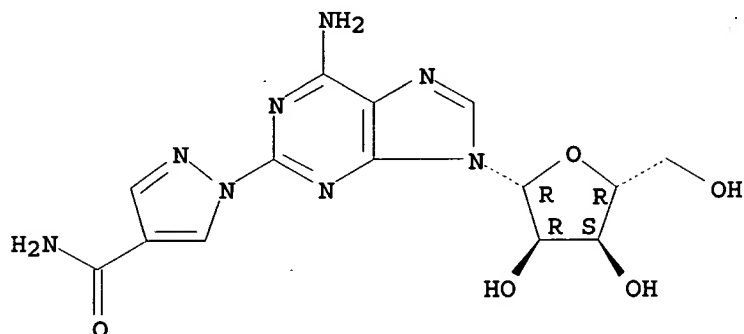


Searcher : Shears 308-4994

09/338185

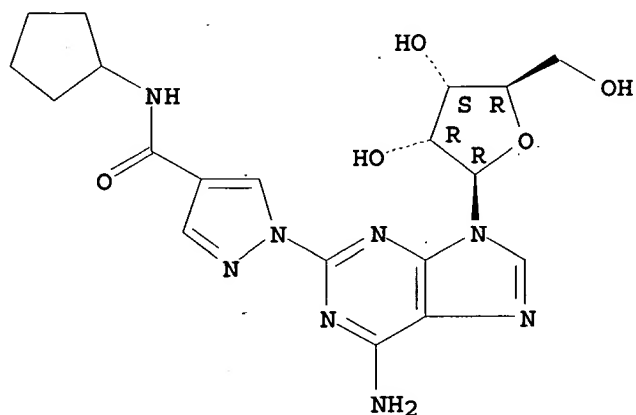
RN 313348-35-5 CAPLUS
CN Adenosine, 2-[4-(aminocarbonyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 313348-37-7 CAPLUS
CN Adenosine, 2-[4-[(cyclopentylamino)carbonyl]-1H-pyrazol-1-yl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

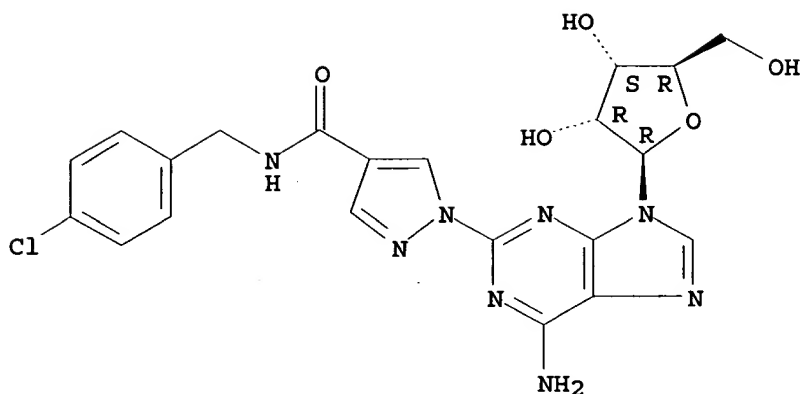


RN 313348-41-3 CAPLUS
CN Adenosine, 2-[4-[[[(4-chlorophenyl)methyl]amino]carbonyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Searcher : Shears 308-4994

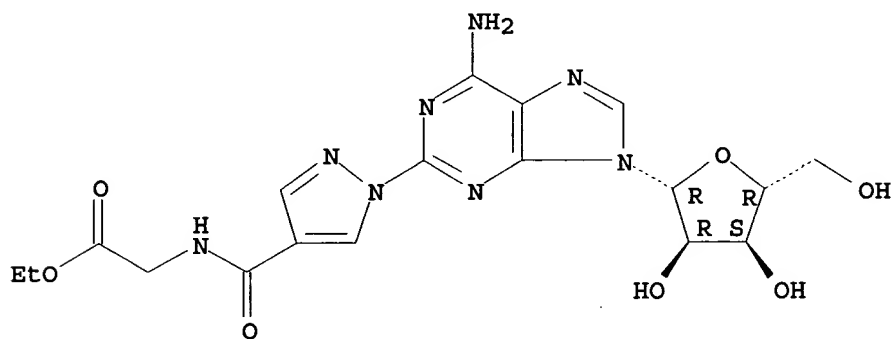
09/338185



RN 313348-43-5 CAPLUS

CN Glycine, N-[[1-(6-amino-9-.beta.-D-ribofuranosyl-9H-purin-2-yl)-1H-pyrazol-4-yl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 313348-45-7

RL: RCT (Reactant)

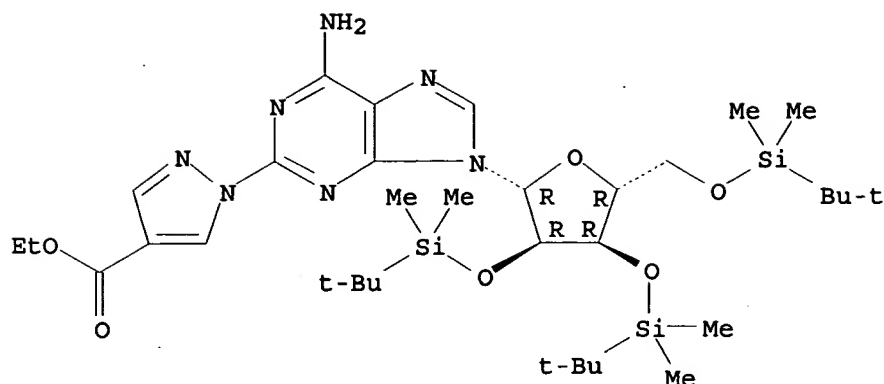
(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

RN 313348-45-7 CAPLUS

CN 1H-Pyrazole-4-carboxylic acid, 1-[6-amino-9-[2,3,5-tris-O-[(1,1-dimethylethyl)dimethylsilyl]-.beta.-D-ribofuranosyl]-9H-purin-2-yl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Searcher : Shears 308-4994



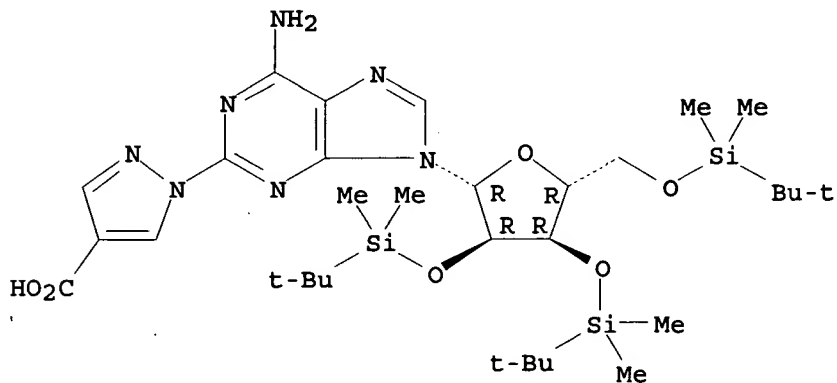
IT 313348-39-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of nucleoside N-pyrazole as adenosine A2a receptor
agonists for purposes of imaging the heart)

RN 313348-39-9 CAPLUS

CN 1H-Pyrazole-4-carboxylic acid, 1-[6-amino-9-[2,3,5-tris-O-[(1,1-dimethylethyl)dimethylsilyl]-.beta.-D-ribofuranosyl]-9H-purin-2-yl]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1975:479518 CAPLUS

DOCUMENT NUMBER: 83:79518

TITLE: Synthesis and coronary vasodilating activity of
2-substituted adenosines

AUTHOR(S): Marumoto, Ryuji; Yoshioka, Yoshio; Miyashita,
Osamu; Shima, Shunsuke; Imai, Kinichi; Kawazoe,
Katsuyoshi; Honjo, Mikio

Searcher : Shears 308-4994

CORPORATE SOURCE: Cent. Res. Div., Takeda Chem. Ind., Osaka, Japan
 SOURCE: Chem. Pharm. Bull. (1975), 23(4), 759-74
 CODEN: CPBTAL
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB 2-Haloadenosines were prepd. by acetylation of 2-haloinosines followed by chlorination and amination. 2-Alkoxyadenosines were prepd. by protection of 2'- and 3'-OH groups of 2-chloroadenosine (I) or 2-chloroinosine, followed by substitution of the C atom with alkoxy group. The reaction of 5-amino-4-cyano-1-.beta.-D-ribofuranosylimidazole with CS₂ afforded 2,6-di-mercapto-9-.beta.-D-ribofuranosylpurine, which was converted to 2-mercaptoadenosine and its S-substituted derivs. 2-Phenylaminoadenosine (II) was prepd. from 2-phenylamino-2',3',5'-tri-O-acetylinosine, which was prepd. by acetylation of 2-phenylaminoinosine with AcCl in HOAc. O-substituted 2-hydroxyadenosines, S-substituted 2-mercaptoadenosines, N2-substituted 2-aminoadenosines, 2-alkyl- and -aryl-adenosines were prepd. among which several compds. had coronary vasodilating potency. II showed not only a strong potency, but also a longer duration of the effect than that of I.

IT 56720-68-4 56720-69-5

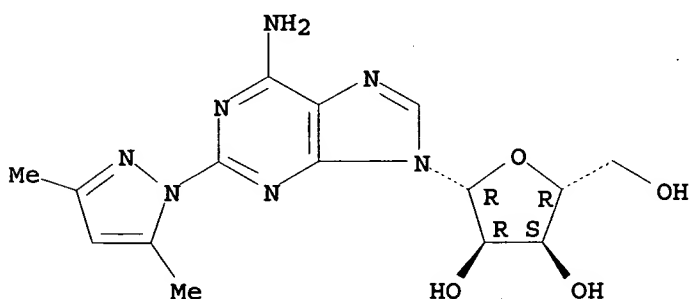
RL: RCT (Reactant)

(coronary vasodilating activity of)

RN 56720-68-4 CAPLUS

CN Adenosine, 2-(3,5-dimethyl-1H-pyrazol-1-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

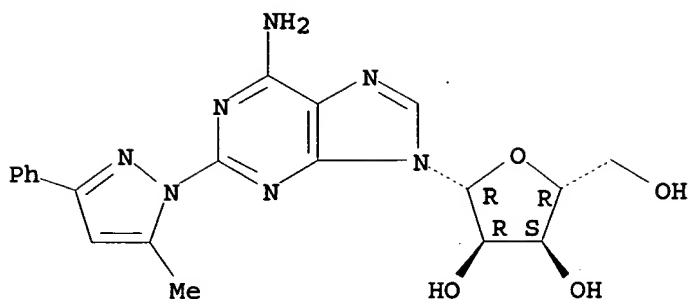


RN 56720-69-5 CAPLUS

CN Adenosine, 2-(5-methyl-3-phenyl-1H-pyrazol-1-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

09/338185



FILE 'CAOLD' ENTERED AT 10:56:12 ON 13 MAR 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

L7 0 L5

=> fil uspat; s l5

FILE 'USPATFULL' ENTERED AT 10:56:26 ON 13 MAR 2001
CA INDEXING COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 6 Mar 2001 (20010306/PD)
FILE LAST UPDATED: 6 Mar 2001 (20010306/ED)
HIGHEST PATENT NUMBER: US6199207
CA INDEXING IS CURRENT THROUGH 6 Mar 2001 (20010306/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 6 Mar 2001 (20010306/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2000
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2000

>>> Page images are available for patents from 1/1/1997. Current <<<
>>> week patent text is typically loaded by Thursday morning and <<<
>>> page images are available for display by the end of the day. <<<
Searcher : Shears 308-4994

09/338185

>>> Image data for the /FA field are available the following week. <<<

>>> Complete CA file indexing for chemical patents (or equivalents) <<<
>>> is included in file records. A thesaurus is available for the <<<
>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
>>> fields. This thesaurus includes catchword terms from the <<<
>>> USPTO/MOC subject headings and subheadings. Thesauri are also <<<
>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

L8 0 L5

=> fil marpat

FILE 'MARPAT' ENTERED AT 10:56:32 ON 13 MAR 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 American Chemical Society (ACS)

FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 134 ISS 10) (20010311/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	6184416	06 FEB 2001
DE	20017213	25 JAN 2001
EP	1076267	14 FEB 2001
JP	200104005	13 FEB 2001
WO	200101089	15 FEB 2001

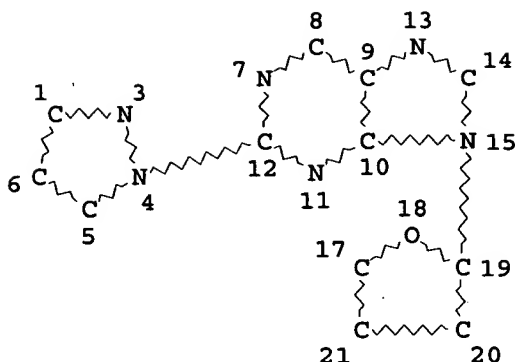
MARPAT structure search limits have been raised.
Enter HELP SLIMIT for details.

=> d que stat; d .bevmar; fil marpatprev

L3 STR

Searcher : Shears 308-4994

09/338185



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

ATTRIBUTES SPECIFIED AT SEARCH-TIME:

ECLEVEL IS LIM ON ALL NODES

ALL RING(S) ARE ISOLATED

L10 1 SEA FILE=MARPAT SSS FUL L3 (MODIFIED ATTRIBUTES)

100.0% PROCESSED 77 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.05

L10 ANSWER 1 OF 1 MARPAT COPYRIGHT 2001 ACS

ACCESSION NUMBER: 134:56921 MARPAT

TITLE: Preparation of nucleoside N-pyrazole as
adenosine A2a receptor agonists for purposes of
imaging the heart

INVENTOR(S): Zablocki, Jeff A.; Elzein, Elfatih O.; Palle,
Venkata P.

PATENT ASSIGNEE(S): CV Therapeutics, Inc., USA

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

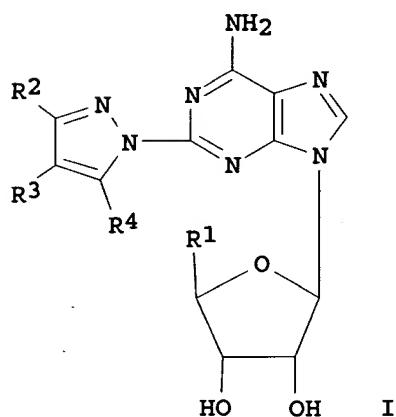
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	Searcher	:	Shears	308-4994

09/338185

WO 2000078779 A2 20001228 WO 2000-US40281 20000621
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.: US 1999-338185 19990622
GI

Repeat



AB 2-Adenosine N-pyrazole compds. I wherein R₁ is CH₂OH, amide, R₂ and R₄ are H, alkyl, aryl, R₃ is alkyl, halo, NO₂, CN, ether, thio ether, amine, sulfone, sulfonamide, ester, and methods for using the compds. as A₂A receptor agonists to stimulate mammalian coronary vasodilatation for therapeutic purposes and for purposes of imaging the heart. Thus, I (R₁ = OH, R₂ = R₄ = H, R₃ = CO₂Et) was prepd. its affinity for the adenosine A₂a receptor (K_i = 10-1000 nM), is reported.

IC ICM C07H019-16
ICS A61K031-7076; A61K049-00; A61P009-00

CC 33-9 (Carbohydrates)
Section cross-reference(s): 1, 63

ST heart imaging vasodilatation nucleoside pyrazole prepn adenosine receptor; nucleoside pyrazole prepn adenosine receptor agonist

IT Adenosine receptors
RL: BPR (Biological process); BIOL (Biological study); PROC
Searcher : Shears 308-4994

(Process)

(A2a; prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT Heart

Vasodilation

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT Nucleosides, preparation

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT 313348-16-2P

RL: BAC (Biological activity or effector, except adverse); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT 313348-20-8P 313348-22-0P 313348-25-3P 313348-27-5P

313348-29-7P 313348-31-1P 313348-33-3P 313348-35-5P

313348-37-7P 313348-41-3P 313348-43-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT 104-86-9, 4-Chlorobenzylamine 616-34-2, Glycine methyl ester

1003-03-8, Cyclopentylamine 15763-11-8 27956-35-0,

2-(4-Methyl)phenylmalondialdehyde 65192-28-1 80370-42-9

205676-17-1, 2-(4-Chloro)phenylmalondialdehyde 313348-45-7

RL: RCT (Reactant)

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

IT 313348-39-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of nucleoside N-pyrazole as adenosine A2a receptor agonists for purposes of imaging the heart)

FILE 'MARPATPREV' ENTERED AT 10:57:18 ON 13 MAR 2001

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2001 American Chemical Society (ACS)

FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY

FILE LAST UPDATED: 13 MAR 2001 (20010313/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES

(COVERAGE TO THESE DATES IS NOT COMPLETE):

Searcher : Shears 308-4994

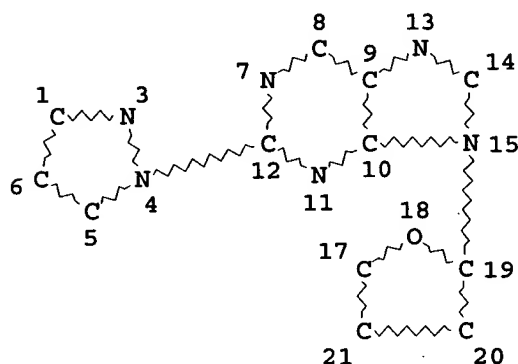
09/338185

US 6190812 20 FEB 2001
DE 10038214 15 FEB 2001
EP 1078931 28 FEB 2001
JP 200104886 13 FEB 2001
WO 200101461 01 MAR 2001

MARPATprev structure search limits have been raised.
Enter HELP SLIMIT for details.

=> d que stat; fil hom

L3 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

ATTRIBUTES SPECIFIED AT SEARCH-TIME:
ECLEVEL IS LIM ON ALL NODES
ALL RING(S) ARE ISOLATED

L11 0 SEA FILE=MARPATPREV SSS FUL L3 (MODIFIED ATTRIBUTES)

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FILE 'HOME' ENTERED AT 10:57:43 ON 13 MAR 2001

Searcher : Shears 308-4994